

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. - 17. (canceled).

18. (withdrawn): A computer system for printing data, comprising:
a computer comprising:
a printer driver dividing print data into a plurality of fragments and storing each of the plurality of fragments into a respective sub-file, storing a control file comprising print control commands, and generating a sub-file name for each sub-file and a print control name for the print control file;
a spooler receiving the generated sub-file names and the print control name transmitted by the printer driver and creating a spool file by storing therein a plurality of sub-file names, each identifying the stored respective sub-file, and by storing therein the print control name identifying the print control file;
a print processor accesses the spooling file to read the stored sub-file names in a predetermined order and to read the print control name, and
a printer receiving in a predetermined order each of the read stored sub-files and the print control file,
wherein the print processor retrieves in a predetermined order each of a plurality of sub-files and each of a plurality of print commands based on the spool file and transmits to the printer the retrieved sub-file and print command while reading next sub-file name from the spool file.

19. (withdrawn): The computer system for printing data according to claim 18, wherein each of the plurality of sub-files comprises a plurality of packets, each of the plurality of packets comprises packet code, packet identification, and packet data.

20. (canceled).

21. (currently amended): A computer-readable medium storing a computer program which causes a computer to execute processing of:

storing separately in a storage device:

a plurality of subfiles each generated by dividing print data into packets,

a command file which stores a group of commands which control a printer,

including a cancel command to stop printing, and

a spool file which includes information for specifying the subfile and information for specifying the command file and does not include the subfile and the command file—a storage device;

reading the spool file;

controlling transfer of the print data to the printer;

reading the subfile specified by the spool file for printing the print data from the subfile by the printer;

detecting whether the command file specified by the information for specifying the command file stored in the spool file has been updated or not every time the subfile is read;

reading the command file when a detection is made that the command file specified by the spool file has been updated; and

stopping output of the print data from the printer if the cancel command is added in the command file to stop the print processing by the printer.

22. (currently amended): A computer which controls transfer of print data to a printer, comprising:

means for storing separately in a storage device ~~reading spool files~~ ~~storing~~
a plurality of subfiles each generated by dividing print data into packets,
a command file which stores a group of commands which control a printer, including a
cancel command to stop the printing, and
a spool file which includes information for specifying the subfile and information
for specifying the command file ~~and does not include the subfile and the command file in~~
~~a storage device;~~

means for reading the subfile specified by the spool file to output the print data included
in the subfile;

means for detecting whether the command file specified by the information for specifying
the command file stored in the spool file has been updated or not every time the subfile is read;

means for reading the command file when the computer detects that the command file
specified by the spool file has been updated, and

means for stopping output of the print data to the printer if the cancel command is added
in the command file to stop the printing by the printer.

23. (currently amended): A method of controlling print data transfer to a printer, comprising:

storing separately in a storage device:

a plurality of subfiles each generated by dividing print data into packets,

a command file which stores a group of commands which control a printer, including a cancel command to stop printing, and

a spool file which includes information for specifying the subfile and information for specifying the command file and does not include the subfile and the command file in a storage device;

reading the subfile specified by the spool file and outputting the print data from the subfile;

detecting whether the command file specified by the information for specifying the command file stored in the spool file has been updated or not every time the subfile is read; and reading the command file when a computer detects that the command file specified by the spool file has been updated, then stopping outputting the print data to the printer if the cancel command is added in the command file to stop the printing by the printer.